

Una manera de hacer Europa



BUENAS PRÁCTICAS

Actuaciones Cofinanciadas

Í G5 B#5 HCB'5 B8 `K 5 GH9 K 5 H9 F `HF95 HA9 BH'DFC>97 H'; CF`
H<9'5; F=7I @HI F5 @8 =GHF=7 H'C: `<9FJâ G'f7 â79F9G1`

; YbYfU`8 JfYWjcb`cZK zhYf

**Programa Operativo
Plurirregional de España**

Año 2020

Fondo Europeo de Desarrollo Regional

The action is presented as a good practise “**SANITATION AND WASTEWATER TREATMENT PROJECT FOR THE AGRICULTURAL DISTRICT OF HERVÁS (CÁCERES)**”.

The municipalities that benefit from this project are Ahigal, La Granja, Mohedas de Granadilla and Zarza de Granadilla (Cáceres), which together with the municipalities of Abadía, Aldeanueva del Camino, Gargantilla and La Pesga, form part of the sewerage and wastewater treatment infrastructures implemented by the Ministry for Ecological Transition and the Demographic Challenge for the agricultural district of Hervás.

In addition to the seven initiatives on which work has been completed, seven million euro will be invested in the sanitation and wastewater treatment works currently underway in the towns of Baños de Montemayor, Hervás and La Garganta, which are expected to enter into operation in the coming months. This brings total investment in the sanitation and wastewater treatment programme for the agricultural district of Hervás to 21 million euro.

The works carried out to reduce the pollution contributed by the population have been based mainly on the construction of new wastewater treatment plants in each of the municipalities, and the necessary pipelines to carry the wastewater to the treatment plant.



The total investment of the project amounts to 7,26 million euro.

The eligible expenditure was 5.299.401 euros, with total EU support around 80 %.

This action will serve an additional population of 10.500 equivalent inhabitants.

It is considered a Good Practise because:

- **The action has been conveniently disseminated among the beneficiaries, potential beneficiaries and the general public.**

We have considered all those actions designed to publicize the "Sanitation and wastewater treatment project for the agricultural district of Hervás (Cáceres), with the main objective of informing the public of the project's objective of achieving the necessary degree of wastewater treatment.

Sign post.



In addition, a number of differentiated communication tools have been implemented, such as:

Dossier of the action published by the Tajo Hydrographic Confederation

"Una manera de hacer Europa"

ESTE PROYECTO HA SIDO FINANCIADO POR EL FONDO EUROPEO DE DESARROLLO REGIONAL FEDER 2014-2020, DENTRO DEL PROGRAMA OPERATIVO PLURIRREGIONAL DE ESPAÑA (POPE), CONTRIBUYE A LA CONSERVACIÓN DEL MEDIO AMBIENTE Y EL PATRIMONIO CULTURAL.

0.- ÍNDICE

1. INTRODUCCIÓN.
2. ANTECEDENTES ADMINISTRATIVOS.
3. DETERMINACIONES DEL PROYECTO.
4. CRITERIOS GENERALES DE DISEÑO.
5. LOCALIZACIÓN
6. OBRAS A EJECUTAR
7. ESQUEMA DE TRATAMIENTO
8. PRESUPUESTO
9. COSTES DE EXPLOTACIÓN

"Una manera de hacer Europa"

ESTE PROYECTO, COFINANCIADO POR EL FONDO EUROPEO DE DESARROLLO REGIONAL FEDER 2014-2020, DENTRO DEL PROGRAMA OPERATIVO PLURIRREGIONAL DE ESPAÑA (POPE), CONTRIBUYE A LA CONSERVACIÓN DEL MEDIO AMBIENTE Y EL PATRIMONIO CULTURAL.

External publications in the Special Edition November/December 2020 of FuturENVIRO magazine,



Inversión del proyecto

La inversión ejecutada por la Confederación Hidrográfica del Tajo, asciende a 14 millones de euros que han sido cofinanciados por el Ministerio para la Transición Ecológica y el Reto Demográfico, a través de la Dirección General de Agua y [por el Fondo Europeo de Desarrollo Regional FEDER 2014-2020](#) dando cumplimiento a distintas acciones previstas en el Programa de Medidas del vigente Plan Hidrológico de la Demarcación (2015-2021).

Además de las siete actuaciones ya ejecutadas, actualmente se está llevando a cabo las obras de saneamiento y depuración de las poblaciones de Baños de Montemayor, Hervás y La Garganta, estando prevista su puesta en funcionamiento en los próximos meses con una inversión de 7 M€. Por lo tanto la inversión total prevista en el programa de saneamiento y depuración de la comarca agraria de Hervás alcanzará los 21 M€.

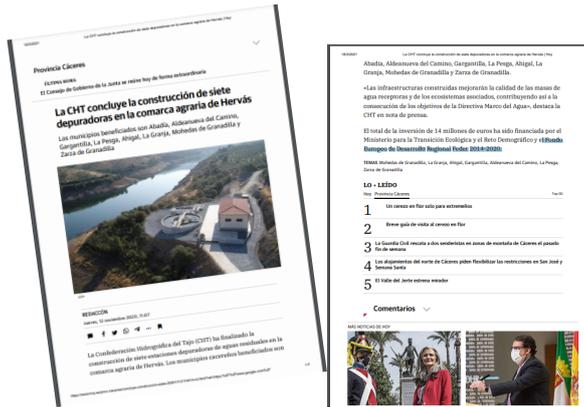
Investment in the project

The investment of 14 million euro by the Tagus River Basin Management Authority was co-funded by the Ministry for Ecological Transition and Demographic Challenge and the European Regional Development Fund (ERDF) 2014-2020, for the purpose of implementing the different actions envisaged in the Programme of Measures set out in the current River Basin Management Plan (2015-2021) for this District.

In addition to the seven initiatives on which work has been completed, seven million euro will be invested in the sanitation and wastewater treatment works currently underway in the towns of Baños de Montemayor, Hervás and La Garganta, which are expected to enter into operation in the coming months. This brings total investment in the sanitation and wastewater treatment programme for the agricultural district of Hervás to 21 million euro.

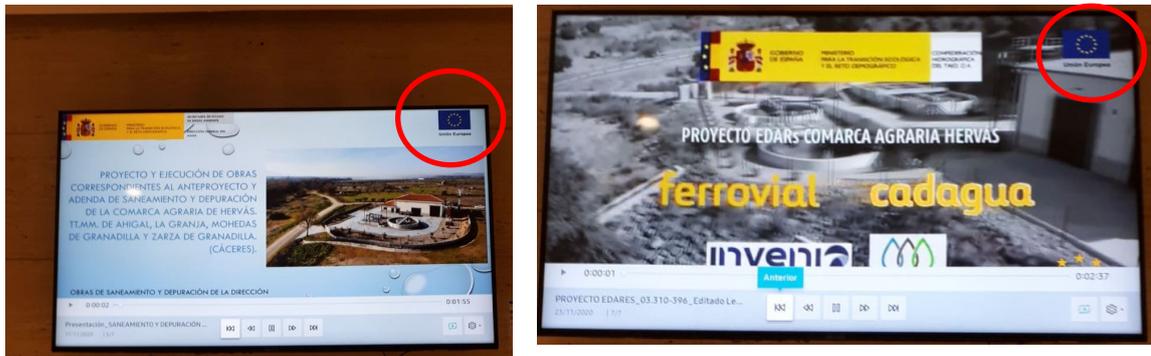
News

The action has been reported in the local, regional and national press:



Promotional video of the action

Two promotional videos of the action have been produced, one by the Water Directorate and the other by the Tajo Hydrographic Confederation, both broadcast daily in the hall of the Ministry for Ecological Transition and the Demographic Challenge.



➤ **The action incorporates innovative elements**

Automation and control is essential for the correct operation of the processes of a wastewater treatment plant. In water treatment, one of the objectives pursued is energy saving, which has a direct impact on cost savings.

In this action, the automation of the treatment process should be highlighted as an innovative element, since the operation of the treatment plant uses the SCADA system which, by means of discretisation by timetable, allows it to operate only when it is necessary, thus achieving minimum energy consumption, depending on the demand for oxygen, which varies by the hour.

Likewise, as an innovative element that has allowed greater integration of the work in the landscape, the use of indigenous species in the landscaping of the project, such as olive trees in the area, as well as the granite stone used in the enclosure of the plot and buildings, which have achieved a lower landscape impact, leaving the work integrated into the environment, a practice that has been carried out in the other treatment plants in the agricultural district of Hervás (Cáceres)

➤ **Adequacy of the contents to the objectives pursued.**

The objectives pursued in this action are mainly based on improving the quality of the receiving water bodies and associated ecosystems, thus contributing to the achievement of the objectives set by the Water Framework Directive.

These objectives have been achieved with the implementation of the project, as the wastewater is subjected to a series of physical, chemical and biological processes to reduce the pollutants to values that are acceptable for discharge into the river, in compliance with current wastewater treatment regulations.

➤ **Contributes to the resolution of a regional problem or weakness.**

The agricultural district of Hervás, lacked efficient treatment for municipal wastewater discharges, thus having water pollution problems. There was also a lack of sufficient water resources to meet the demands of the area.

In addition to improving the quality of the water in the receiving medium, in this case the river, the project will also increase the availability of water resources in the area, since after proper treatment of the water, before it is discharged into the river, it can be used for other purposes, such as irrigation, street washing, etc., thus optimising the available water resources.

➤ **It has a high degree of coverage on the population to which it is addressed.**

The construction of these infrastructures covers the needs of the population at which they are aimed, but in addition, as described above, these infrastructures, together with the other infrastructures already built and those about to be completed, form part of the sewerage and treatment network of the agricultural district of Hervás, which will enable the treatment of wastewater corresponding to 29.200 equivalent inhabitants, thus achieving a wide degree of coverage of the general population of this district, which includes a large number of municipalities.

➤ **The horizontal criteria of equal opportunities and environmental sustainability have been taken into account.**

Among the fundamental aspects that have contributed to the environmental sustainability of the area are the minimisation of the environmental impact of the facilities, ensuring that they adapt to the aesthetics of the surroundings, avoiding the propagation of bad smells and noise, as well as the result obtained from the purification of the wastewater for its subsequent discharge into the river under optimum water quality conditions.

The horizontal criteria of equal opportunities have been taken into account, as the action benefits the entire population without any discrimination, in addition, access to information on the action has been facilitated through the publication of brochures, which have been distributed at strategic points in the municipalities, for greater accessibility to citizens.

Furthermore, the contracts associated with this action have been tendered through an open procedure, thus guaranteeing equal opportunities for the companies interested in obtaining the award of these contracts.

➤ **Synergies with other policies or instruments of public intervention.**

In terms of synergy with other policies, this action also adds to the fulfilment of the different actions foreseen in the Programme of Measures of the current Tajo Basin Hydrological Plan (2015-2021).

This action also reinforces the investment made by the Regional Government of Extremadura in the water supply and treatment improvement actions included in the 2017-2020 Infrastructure Agreement in the province of Cáceres, for example in the municipality of Mirabel (Cáceres), to improve the wastewater treatment and supply systems for the population, which have involved an investment of 1,3 million euros.

Una manera de hacer Europa



BUENAS PRÁCTICAS

Actuaciones Cofinanciadas

Fondo Europeo de Desarrollo Regional